

DESCRIPTION OF A NEW SPECIES OF COSSUS.

By J. G. O. TEPPER, F.L.S.

[Read February 3, 1891.]

Plate I.

Cossus Edwardsi, spec. nov. Female. Dark blackish grey. Palpi prominent, reflexed, underside white, upper black. Eyes grey, with irregular black patches. Antennæ setaceous, narrowly white above, remainder dark greyish brown; basal joint very stout, as long as five or six of the next put together, the two following about half the diameter of the first, rapidly tapering; remainder very short, and very gradually tapering to a fine point at apex. Face blackish, a patch of scales above the palpi, and the hair-like scales around the base of antennæ whitish. Prothorax dark blackish grey; in front a patch of long black scales, intermixed with a few white ones. Mesothorax broadly bordered in front, and laterally by long white hairs, blackish behind. Metathorax blackish, broadly white laterally, narrowly behind. Abdomen dark blackish grey, with some very narrow paler bands above, a broad pale stripe laterally, white when adjoining the dark brown, pale bordered, very glossy ventral plates, the last two segments covered with dense white down underneath. Wings blackish, margins and border grey, the latter with very devious inner boundary on the forewings. Forewings between subcostal and median vein, with three roundish spots, rather large, the middle one largest, and separated into two very unequal parts by a dark cuneiform line; a large round white spot in the middle of the disk below the median vein; a small whitish spot between the apical branches of the latter. Hindwings, the costa, and the space overlapped by the forewings white, remainder dark brownish grey. Veins dark brown, much more curved than in *C. cinereus*. Fringe very narrow, pale. Underside of thorax and legs covered with dense whitish down, the forewings clouded lighter and darker, most of the markings of the upper side visible below; subcostal and median veins bordered broadly by long bluish-white hairs for about two-thirds of the length; space beyond anal vein silvery white; hindwings have the costa partly and narrowly white, remainder ashy grey. Length of body, $2\frac{3}{4}$ inches; span of wings, $6\frac{1}{3}$ inch.

The species differs from the common *Cossus cinereus* in much

darker colour, the characteristic and promiscuously spotted forewings, and the different curvatures of the veins.

A single specimen was received through Mr. G. E. Edwards, from Windsor, near Adelaide, on December 5, 1888, no other having been seen previously by me or other collectors, to whom I have shown it. Mr. Hy. Edwards, a noted Lepidopterologist of the United States America, who visited Adelaide last year, has studied this and its allied family specially, and has lately written me that he cannot find anything at all resembling this species among described ones. It is hereby dedicated to him and the finder conjointly.

